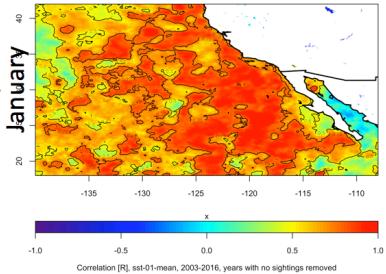
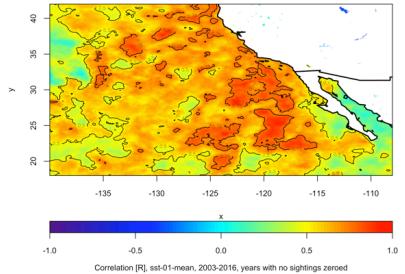


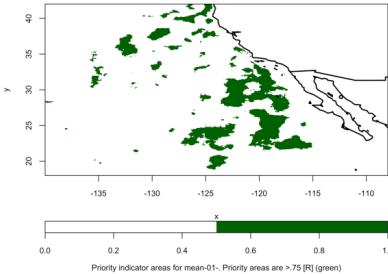
[R] no sightings removed



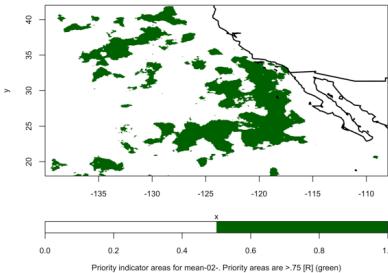
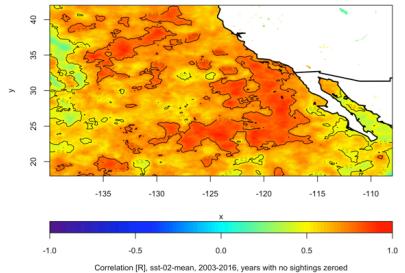
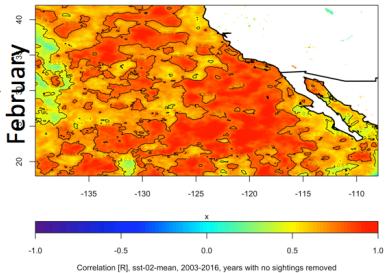
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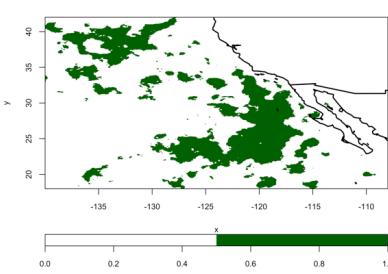
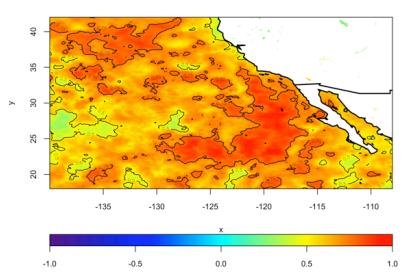
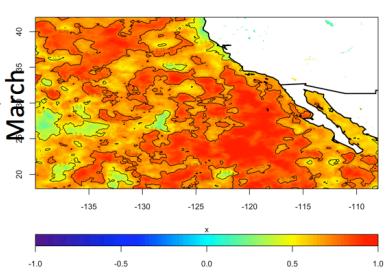
Common areas >.75



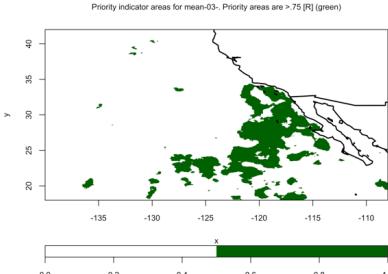
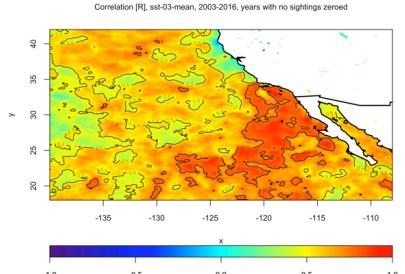
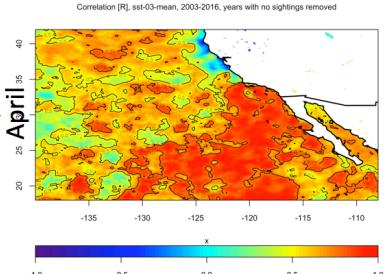
February

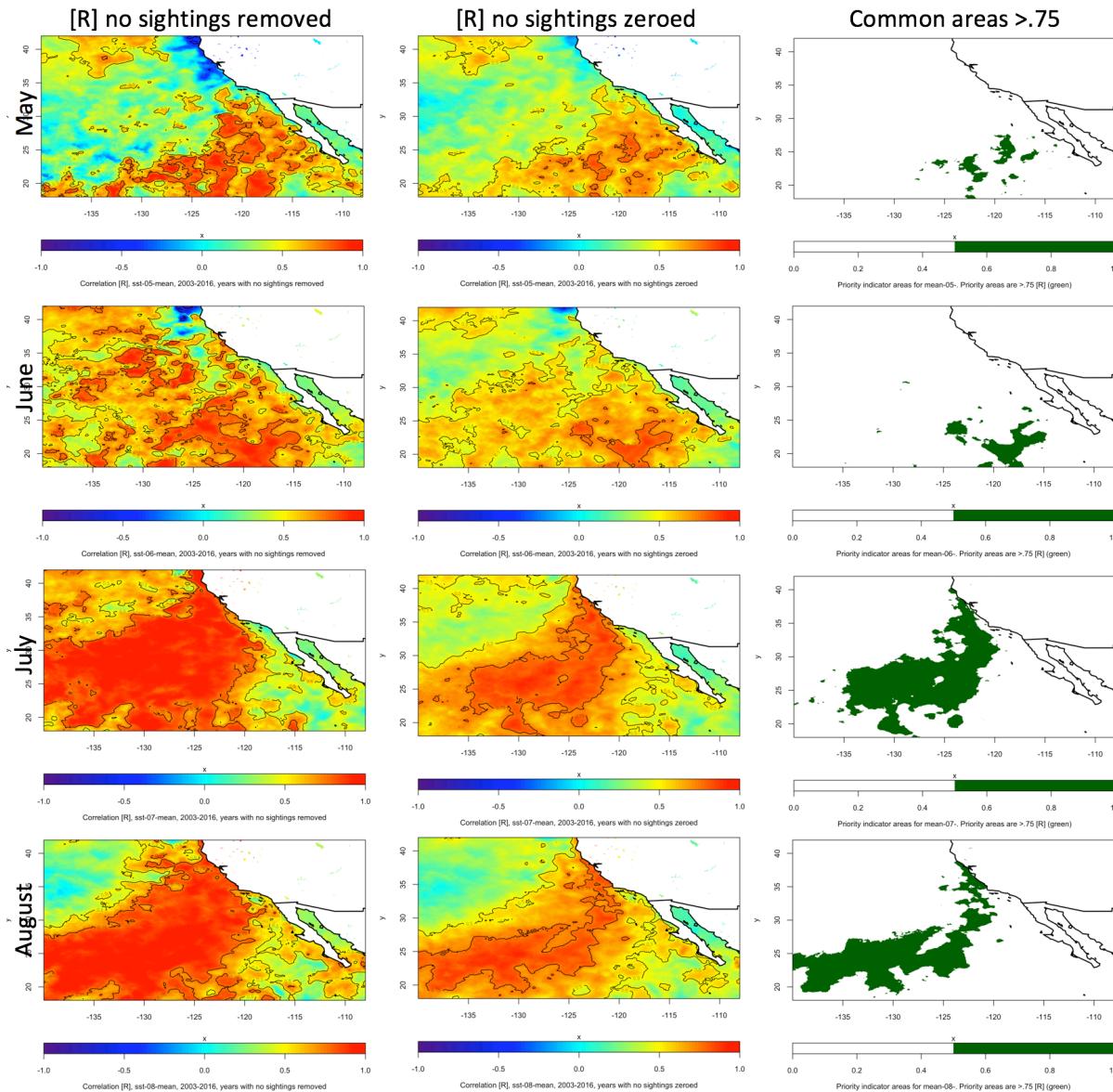


March

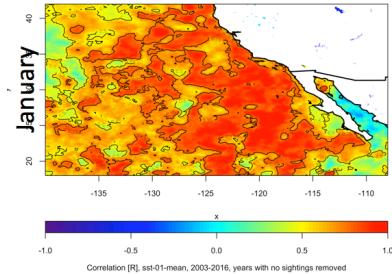


April

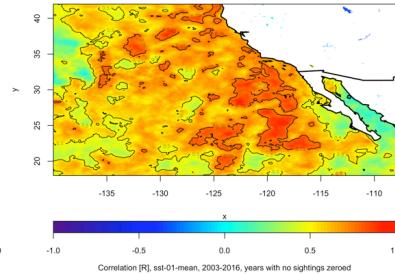




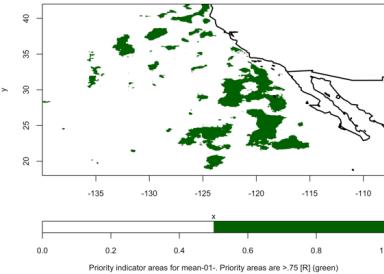
[R] no sightings removed



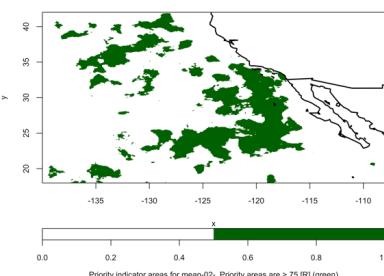
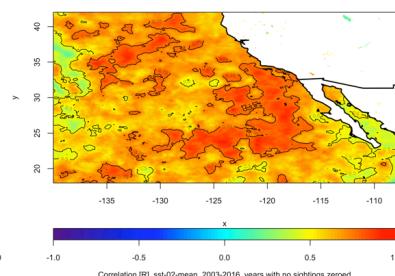
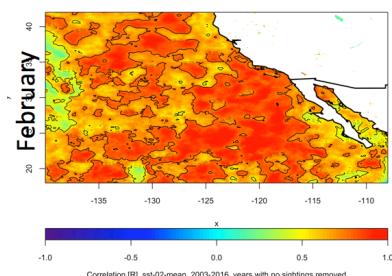
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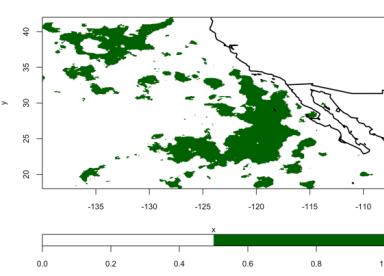
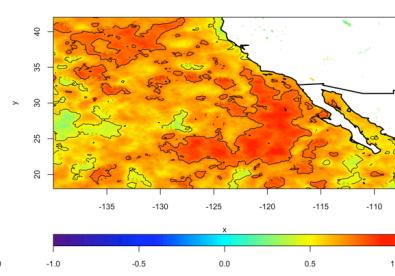
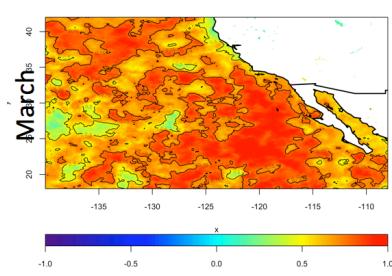
Common areas >.75



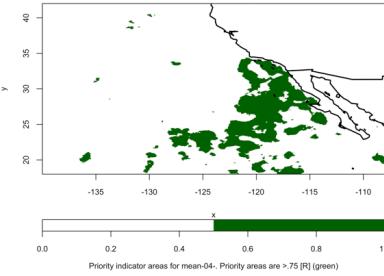
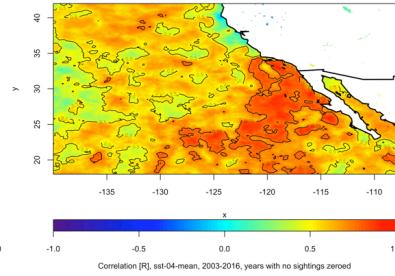
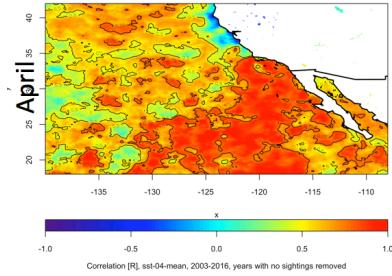
February



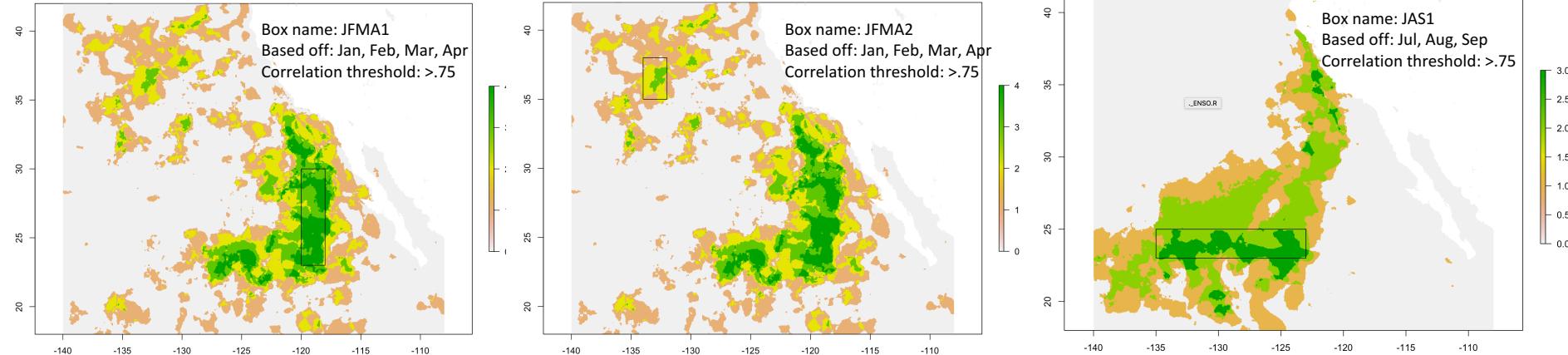
March



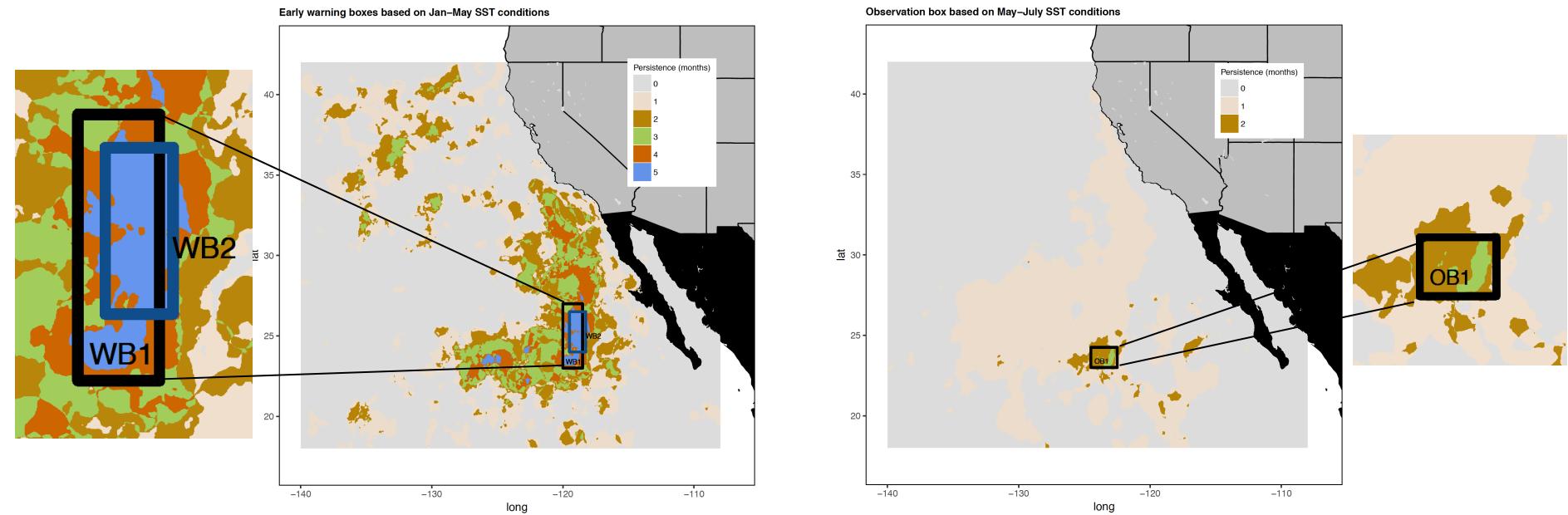
April



Creating an SST box, 3 options from previous call:



Last call we discussed developing 'warning' and 'observational' boxes (WB and OB):



Comparison with ENSO index

- Green cells have the highest correlations with turtle sightings for each given month
- Correlation values are averaged across both methods of handling years with no turtle sightings

month	Correlation w SST boxes from last call			Correlation w new WB and OB SST boxes			Correlation with ENSO anomalies	Difference (best correlation - ENSO)	Difference (best- 2nd best)
	av_JFMA1	av_JFMA2	av_JAS	wb1_av	wb2_av	ob1_av			
-01-	0.92	0.80	0.75	0.94	0.94	0.84	0.12	0.82	0.03
-02-	0.89	0.85	0.84	0.88	0.87	0.91	0.10	0.81	0.02
-03-	0.92	0.82	0.79	0.91	0.88	0.85	0.16	0.76	0.01
-04-	0.89	0.64	0.74	0.89	0.88	0.85	0.44	0.45	0.01
-05-	0.77	0.34	0.50	0.80	0.82	0.79	0.65	0.17	0.02
-06-	0.66	0.47	0.72	0.69	0.66	0.85	0.82	0.03	0.03
-07-	0.62	0.44	0.88	0.59	0.55	0.85	0.77	0.11	0.03
-08-	0.61	0.31	0.93	0.59	0.55	0.84	0.73	0.19	0.19
-09-	0.64	0.22	0.85	0.61	0.55	0.86	0.72	0.14	0.01
-10-	0.80	0.40	0.86	0.78	0.78	0.83	0.72	0.15	0.06
-11-	0.69	0.60	0.80	0.67	0.69	0.67	0.72	0.08	0.08
-12-	0.47	0.47	0.45	0.37	0.41	0.34	0.72	0.00	0.25

Take home points:

1. JFMA2 is not worth considering
2. JFMA1 is also probably not worth considering (cor only .01 higher than next best box in March and April)
3. WB2 probably not useful, only higher than WB1 in one month by .02, and best to not over restrict box area
4. Would recommend using JAS, WB1, ENSO, and possibly OB1 (not much additional information in the latter)

Next steps:

After we've reached agreement on box dimensions, I will move forward with several rule options and a hindcast analysis to test the potential frequency of closures and alignment of closures with historically high turtle years